

CMU V3.1 platform support matrix

Last Update: August 1, 2007
CMU V3.1_Update2-2

Possible hardware for compute nodes (one disk per system or one hardware raid logical volume).

Config name	Ethernet board for cloning	I/O controller	Other
ProLiant DL140 G2/G3	Internal Gbit	SCSI or SATA	internal disks only
ProLiant DL140 G1	Internal Gbit	SATA	internal disks only
ProLiant DL145 G1/G2/G3	Internal Gbit	SCSI or SATA	internal disks only
ProLiant DL360-G5	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant DL380-G5	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant DL385 G2	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant DL585 G2	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 20p G3	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 30p G3	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 25p G2	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 35p G2	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 45p G2	Internal Gbit	SmartArray SAS/SATA	internal disks only
Rx1600	Internal Gbit	SCSI	internal disks only
RX2600	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
Rx5670	Internal 10/100 Mbit or 1Gb	SCSI	internal disks only
RX4640	Internal Gbit	SCSI or Smartarray	internal disks only
Rx1620	Internal Gbit	SCSI or Smartarray	internal disks only
RX2620	Internal Gbit	SCSI or Smartarray	internal disks only
RX3600	Internal Gbit	SCSI or Smartarray	internal disks only
RX6600	Internal Gbit	SCSI or Smartarray	internal disks only
ProLiant BL 460c	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 465c	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 480c	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 685c	Internal Gbit	SmartArray SAS/SATA	internal disks only
ProLiant BL 860c	Internal Gbit	SmartArray SAS/SATA	internal disks only

CMU is not dependent of the hardware of the management node. However the architecture of the management node needs to be compatible with the compute nodes. (See Management vs Compute nodes worksheet)

Tested
Not tested not supported but probably working
Do not work
Scheduled in next releases or supported through patches

CMU V3.1 platform support matrix

OS on cluster member and OS on management node and according to CMU kit

Last Update:

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Possible OS for cluster member (Linux OS are assumed to work, refer to the Linux compatibility matrix to know that).

Name	OS Type	Version	Distribution	Patch	Notes	CMU kit
RedHat AS/ES/WS 3.0	Linux I386	Up to UP8	RedHat EL. 3.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 3.0	Linux X86-64	Up to UP8	RedHat EL. 3.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 3.0	Linux IA64	Up to UP8	RedHat EL. 3.0	No	Warning see release notes	CMU V3.1_Update2.ia64
RedHat AS/ES/WS 4.0	Linux I386	UP to UP5	RedHat EL. 4.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 4.0	Linux X86-64	UP to UP5	RedHat EL. 4.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 4.0	Linux IA64	UP to UP5	RedHat EL. 4.0	No	Warning see release notes	CMU V3.1_Update2.ia64
RedHat RHEL 5	Linux I386	Update 0	RedHat EL. 5.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat RHEL 5	Linux X86-64	Update 0	RedHat EL. 5.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat RHEL 5	Linux IA64	Update 0	RedHat EL. 5.0	No	Warning see release notes	CMU V3.1_Update2.ia64
Suse SLES 9.0	Linux I386	UP to SP3	SLES 9	No	Warning see release notes	CMU V3.1_Update2.i686
Suse SLES 9.0	Linux X86-64	UP to SP3	SLES 9	No	Warning see release notes	CMU V3.1_Update2.i686
Suse SLES 10.0	Linux I386	UP to SP1	SLES 10	No	Warning see release notes	CMU V3.1_Update2.i686
Suse SLES 10.0	Linux X86-64	UP to SP1	SLES 10	No	Warning see release notes	CMU V3.1_Update2.i686
Debian x86_64	Linux X86-64	Sarge/Etch	Debian GNU Linu	No	contact cmu_support@hp.com	CMU V3.1_Update2.i686

Possible OS for management node (Linux OS are assumed to work, refer to the Linux compatibility matrix to know that).

Name	OS Type	Version	Distribution	Patch	Notes	CMU kit
RedHat AS/ES/WS 3.0	Linux I386	Up to UP8	RedHat EL. 3.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 3.0	Linux X86-64	Up to UP8	RedHat EL. 3.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 3.0	Linux IA64	Up to UP8	RedHat EL. 3.0	No	Warning see release notes	CMU V3.1_Update2.ia64
RedHat AS/ES/WS 4.0	Linux I386	UP to UP5	RedHat EL. 4.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 4.0	Linux X86-64	UP to UP5	RedHat EL. 4.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat AS/ES/WS 4.0	Linux IA64	UP to UP5	RedHat EL. 4.0	No	Warning see release notes	CMU V3.1_Update2.ia64
RedHat RHEL 5	Linux I386	Update 0	RedHat EL. 5.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat RHEL 5	Linux X86-64	Update 0	RedHat EL. 5.0	No	Warning see release notes	CMU V3.1_Update2.i686
RedHat RHEL 5	Linux IA64	Update 0	RedHat EL. 5.0	No	Warning see release notes	CMU V3.1_Update2.ia64
Suse SLES 9.0	Linux I386	UP to SP3	SLES 9	No	Warning see release notes	CMU V3.1_Update2.i686
Suse SLES 9.0	Linux X86-64	UP to SP3	SLES 9	No	Warning see release notes	CMU V3.1_Update2.i686
Suse SLES 10.0	Linux I386	UP to SP1	SLES 10	No	Warning see release notes	CMU V3.1_Update2.i686
Suse SLES 10.0	Linux X86-64	UP to SP1	SLES 10	No	Warning see release notes	CMU V3.1_Update2.i686

Tested

Not tested not supported but probably working

Do not work

Scheduled in next releases or supported through patches

**CMU V3.1 platform support matrix
OS vs Hardware**

Last Update:

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OS vs Hardware for cluster member (Also refer to Linux Compatibility matrix).

Hardware/OS	RedHat AS 3.0/4.0/5.0	SLES 9/10
ProLiant DL140 G2/G3	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant DL145 G1/G2/G3	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant DL360-G5	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant DL380-G5	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant DL385 G2	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant DL585 G2	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 20p G3	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 30p G3	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 25p G2	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 35p G2	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 45p G2	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 460c	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 465c	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 480c	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
ProLiant BL 685c	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686
Rx1600	CMU V3.1_Update2-2.ia64	
RX2600	CMU V3.1_Update2-2.ia64	
Rx5670	CMU V3.1_Update2-2.ia64	
RX4640	CMU V3.1_Update2-2.ia64	
Rx1620	CMU V3.1_Update2-2.ia64	
RX2620	CMU V3.1_Update2-2.ia64	
RX3600	CMU V3.1_Update2-2.ia64	
RX6600	CMU V3.1_Update2-2.ia64	
ProLiant BL 860c	CMU V3.1_Update2-2.ia64	

- Tested
- Not tested not supported but probably working
- Do not work
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CMU V3.1 platform support matrix
OS on cluster member vs OS on management node
and according to CMU kit

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Compatibility matrix	Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS
Management node OS	RedHat EL 3.0 x86	RedHat EL 3.0 X86-64	RedHat EL 3.0 ia64	RedHat EL 4.0 x86
RedHat EL 3.0 x86	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
RedHat EL 3.0 x86-64	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
RedHat EL 3.0 ia64			CMU V3.1_Update2-2.ia64	
RedHat EL 4.0 x86	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
RedHat EL 4.0 x86-64	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
RedHat EL 4.0 ia64			CMU V3.1_Update2-2.ia64	
RedHat EL 5.0 x86	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
RedHat EL 5.0 x86-64	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
RedHat EL 5.0 ia64			CMU V3.1_Update2-2.ia64	
SuSE 9.0 x86	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
SuSE 9.0 x84-64	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
SuSE 10.0 x86	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686
SuSE 10.0 x84-64	CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686

Tested
Not tested not supported but probably working
Do not work

Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS	Compute nodes OS
RedHat EL 4.0 X86-64	RedHat EL 4.0 ia64	RedHat EL 5.0 x86	RedHat EL 5.0 X86-64	RedHat EL 5.0 ia64
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
	CMU V3.1_Update2-2.ia64			CMU V3.1_Update2-2.ia64
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
	CMU V3.1_Update2-2.ia64			CMU V3.1_Update2-2.ia64
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
	CMU V3.1_Update2-2.ia64			CMU V3.1_Update2-2.ia64
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	
CMU V3.1_Update2-2.i686		CMU V3.1_Update2-2.i686	CMU V3.1_Update2-2.i686	

